Attach # 21 Sheet 1 of 1

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number (Optional)	Application Number
ONV-044.01	08/900,220
Applicant: Miao, N. et al.	
Filing Date: July 24, 1997	Group Art Unit: 1633

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MW	KA	5,519,035	5/21/96				

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation YES	Translation NO
MW	KK	DE 3942114 A	6/28/90	DE				
MW	KL	EP 0464206	1/8/92	EP				
MW	KM	WO 95/18856	07/13/95	PCT	C 12N	15/12		
MW	KN	WO 94/02488	2/3/94	PCT				
MW	KO	WO 93/08809	5/13/93	PCT				
MW	KP	EP 0457295	11/21/91	EP				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

MW	KR	Miao, N. et al., "Sonic hedgehog promotes the survival of specific CNS neuron populations and protects these cells from toxic insult *in vitro*." Journal of Neuroscience, 17:15, 1997, 5891-5899
	KS	FDC Reports, Accession Number 580300025, The Pink Sheet, 58:30, 7/22/96
	KT	Hynes, M., et al., "Induction of midbrain dopaminergic neurons by Sonic hedgehog." Neuron, 15:1, July 1995, 35-44.
	KU	Wang, M. Z. et al., "Induction of dopaminergic neurons phenotype in the midbrain by Sonic hedgehog protein." Nature Medicine, 1:11, Nov. 1995, 1184-1188.
	KV	Hulley, P. et al., "Cyclic AMP promotes the survival of dopaminergic neurons in vitro and protects them from the toxic effects of MPP+." Journal of Neural Transmission, Supplementum. 46, 1995, 217-228.
	KW	Michel, P.P. et al., "Chronic activation of the cyclic AMP signaling pathway promotes development and long-term surival of mesencephalic dopaminergic neurons." Journal of Neurochemistry, 67:4, 1996, 1633-1642.
	KP	Huang, X. et al., "Cyclic AMP improves the in vitro survival of mesencephalic dopaminergic neurons by decreasing apoptotic cell death." Society for Neuroscience Abstracts, 22:1-3, 1996, 565.
	KQ	Epstein, D.J. et al., "Antagonizing cAMP-dependent protein kinase A in the dorsal CNS activates a conserved Sonic hedgehog signaling pathway." Development, 122:9, Sep. 1996, 2885-2894
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	KS	Marigo, V. et al., "Regulation of patched by sonic hedgehog in the developing neural tube." Proceedings of the National Academy of Sciences of the U.S.A., 93:18, Sep. 3, 1996, 9346-9351.
MW	KT	Miao, N. et al., "A neurotrophic activity of sonic hedgehog promotes the survival of dopaminergic neurons." Cell Transplantation, 5:5, 1996, 17.

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	KU	Hartikka, J. et al., "Cyc[redacted]MP, but not basic FGF, increases the in vitro sur[redacted]f mesencephalic dopaminergic neurons and protects them from MPP[redacted]nduced degeneration." Journal of Neuroscience [redacted]rch, 32:2, June 1992, 190-201.
	KV	
	KW	
	KX	
	KY	

EXAMINER	DATE CONSIDERED
[signature]	7-12-00

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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